Docket No.: 0230-0224PUS1

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Hiroshi YOSHIMINE et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: April 28, 2005

Art Unit: N/A

For: CHIP-BASED PIEZOELECTRIC

RIC Examiner: Not Yet Assigned

RESONATOR AND LIQUID-PHASE

SENSOR

INFORMATION DISCLOSURE STATEMENT (IDS)

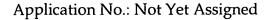
MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Copies of the references on the PTO/SB/08 are not provided.



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Those documents which are marked with a double asterisk (**) next to the Cite No. in the attached form PTO/SB/08 (facsimile) are not supplied because they were previously cited by or submitted to the Office in a prior application number PCT/JP2003/013629, filed October 24, 2003.

A concise explanation of relevance of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.



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It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: April 28, 2005

Respectfully submitted,

Gerald M. Murphy, In Registration No.: 28,977

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PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
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Substitute for form 1449A/B/PTO				Complete if Known			
00.				Application Number	Not Yet Assigned n ルラマク	227	
IN	IFORMATION	l DI	SCLOSURE	Filing Date	April 28, 2005	9 1/ 1	
STATEMENT BY APPLICANT			APPLICANT	First Named Inventor	Hiroshi YOSHIMINE		
(Use as many sheets as necess ary)				Art Unit	N/A		
				Examiner Name	Not Yet Assigned		
Sheet	1	of	1	Attorney Docket Number	0230-0224PUS1		

U.S. PATENT DOCUMENTS						
Examiner Initiats*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	AA	US-6,196,059-B1	03-06-2001	KOESSLINGER et al.		
	AB	US-2002/151082-A1	10-17-2002	ROSENTRETER et al.		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	۳
	BA**	WO-02/47246-A	06-13-2002			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ** CITE NO.: Those document(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this applicantion for an earlier filing date under 35 U.S.C. 120. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

	NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.1	The manazine lournal senal symposium catalog etc.) date nanets) volume-issue numberts) bublisher cuv				
	CA**	Konash et al., Anal. Chem., 9 June 1980- 2 July 1980, pages 1929-1931, XP001184167, Retrieved from the Internet: <url:http: 1980="" 52="" ac50062a033.pdf="" ancham="" archive.cgi="" cgi-bin="" i12="" pdf="" pubs.acs.org=""></url:http:>				
	CB**	Patent Abstracts of Japan, Vol. 16, No. 085, P-1319, 28 February 1992.				
	CC**	Sauerbrey, Zeitschrift Fuer Physik, Springer Verlag, Berlin, Germany, Vol. 155, No. 2, 1959, pages 206-222.				

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Examiner	Date	
Signature	Considered	

Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.